

การเรียนรู้ในยุค 4.0

(เทคโนโลยีการเรียนรู้)

(เทคโนโลยีที่สามารถใช้ในห้องสมุดเพื่อส่งเสริมการเรียนรู้)

ชัยวัฒน์ นันทศรี

(29/11/2562)



ประเทศไทย 4.0

โมเดลการพัฒนาประเทศ



มั่นคง มั่งคั่ง และยั่งยืน



การสร้างโมเดล ประเทศไทย 4.0
คือการเสริมศักยภาพ และสร้างโอกาสสู่
“การขับเคลื่อนเศรษฐกิจไทยด้วยนวัตกรรม”
(Value-Based Economy)

จากการสร้างความเข้มแข็งจากภายใน
และปรับเปลี่ยนวิธีการจาก
‘ทำมากได้น้อย’ เป็น **‘ทำน้อย ได้มาก’**
(Productivity)



เพื่อพัฒนาประเทศสู่ความมั่นคง มั่งคั่ง และยั่งยืน อันจะช่วยยกระดับ
ให้เป็นประเทศที่มีรายได้สูง พร้อมปรับสมดุลประเทศเพื่อความยั่งยืน ในอีก 3-5 ปีข้างหน้า

Micro Learning

Micro learning is learning in small steps



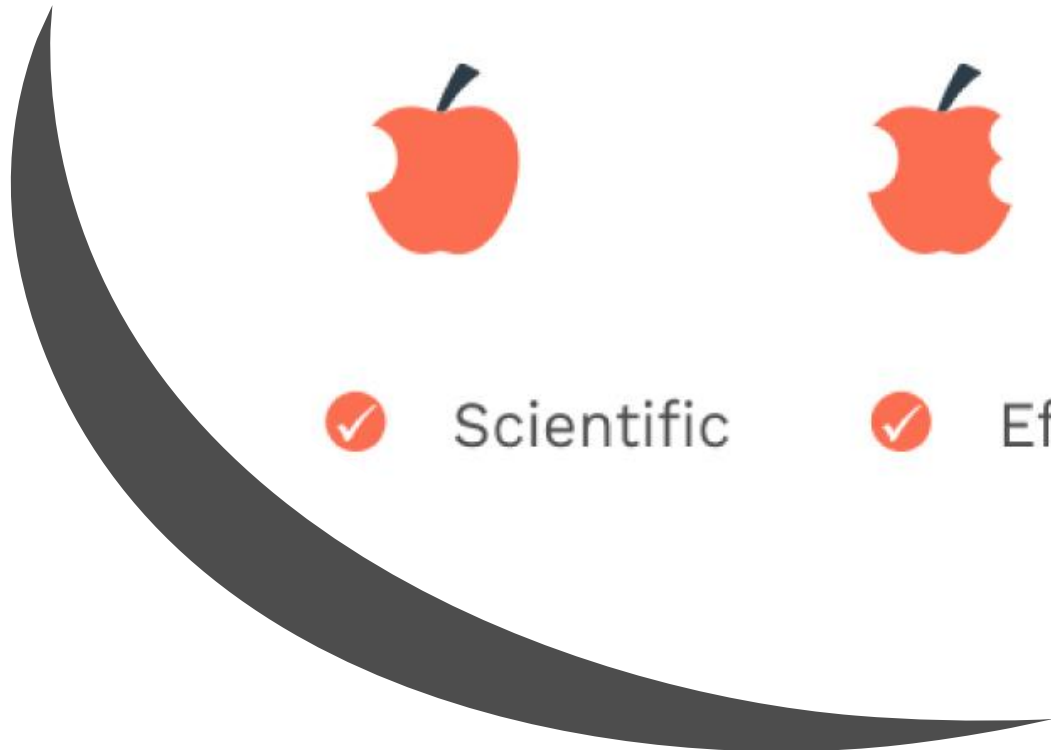
Scientific



Effective



Easy



CONCISE



LEARNER
CENTRIC



ACCESSIBILITY



ENGAGEMENT



STORYTELLING



REAL WORLD
EXAMPLES



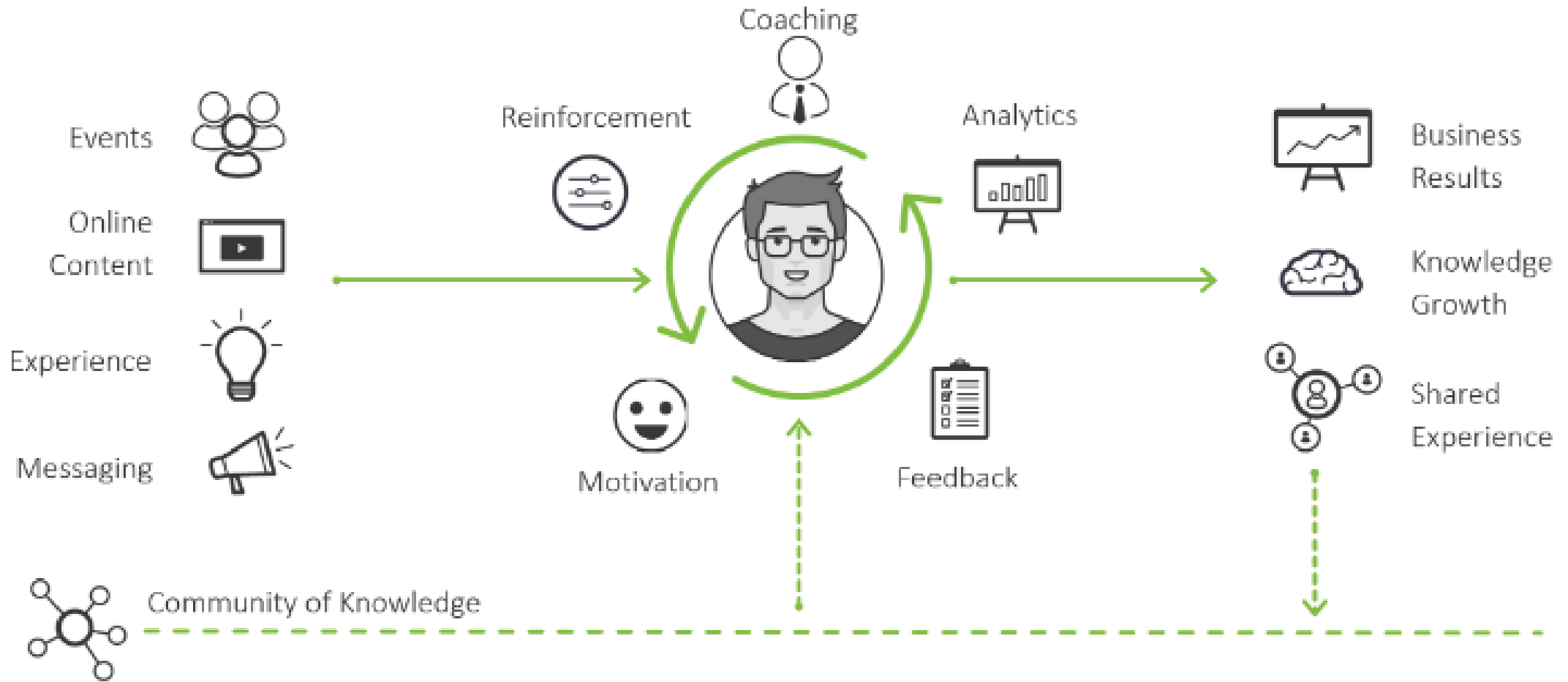
NARRATIONS



7 THINGS

YOUR LEARNERS REALLY WANT FROM
MICRO-LEARNING





Learn New Skills on Your Schedule

Take a 5-minute lesson anytime, anywhere – even when you're offline.



BLS
contact@bridgelearningsolutions..▼

CONTINUE AS BLS



Lesson Set



Lessons (4/4)



Surviving and Thriving on Social Media

by Primer Team

😊 Social Media



Social Ad Tactics: Focus, Research, Measure

by Andy Au & Ryan Chynces, Hootsuite

😊 Social Media



Keep Your Eyes on the Prize: Running Online Giveaways

by Dana Kilroy, ShortStack

😊 Social Media



Work with Social Media Influencers to Sell More

by Ryan Chynces and Hannah Clark,



The 4 things you should pay attention to while doing social media are voice, content, timing, and conversation. Let's explore all of them in more detail.



THIS OR THAT

Which post will people probably engage with more?

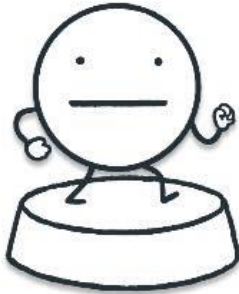
Pete's Paleo Pizza
Posted - Apr 15, 2015

Calling all New York Pete's Paleo eaters: Send photos of your pizza-eating adventures for a chance to win a free pie
[#petespaleopizza](#)

Pete's Paleo Pizza
Posted - Apr 15, 2015

You can now place pizza orders online!

NICE WORK



😊 Social Media

You finished the 1st lesson in this skill. Take 3 more and get a badge.

GOT IT



SORT THE TILES

Do I know this?

What my brand can offer an influencer

I know this

Social media platforms popular with my audience

I don't know this



- ▶ social networking
- ▶ instant messaging,
- ▶ online collaboration;
- ▶ video conferencing.

ผู้เรียนกำลังดู

ขายดี



Complete Python Bootcamp: Go from zero...

Jose Portilla

★★★★★ 4.5 (204,544)

฿฿7,600 **THB300**

ขายดี



Machine Learning A-Z™: Hands-On Python & R In...

Kirill Eremenko, Hadelin de Pont...

★★★★★ 4.5 (98,361)

฿฿7,800 **THB300**

ขายดี



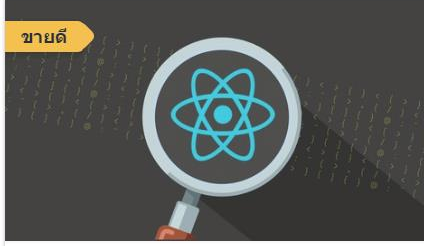
The Data Science Course 2019: Complete Data...

365 Careers, 365 Careers Team

★★★★★ 4.5 (36,196)

฿฿7,800 **THB300**

ขายดี




React - The Complete Guide (incl Hooks, React...

Academind by Maximilian Schw...

★★★★★ 4.7 (54,938)

฿฿7,400 **THB300**

ขายดี



AWS Certified Solutions Architect - Associate 2020

Ryan Kroonenburg, Faye Ellis

★★★★★ 4.5 (154,991)

฿฿7,000 **THB300**



เรียนรู้ไปเร็วเท่าที่คุณต้องการ

ผลิตเพลงกับการเข้าถึงหลักสูตรได้ตลอดชีพบนเว็บไซต์และแอปของ Udemey



เรียนรู้จากผู้เชี่ยวชาญในอุตสาหกรรม

เลือกจากวิทยากรชั้นนำทั่วโลก



ค้นหาหลักสูตรวิดีโอในแทบทุกเรื่อง

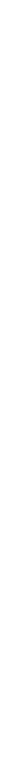
สร้างคลังสำหรับอาชีพและความก้าวหน้าของคุณ

Online Teaching Platform: Breaking the barriers of education with virtual classroom





Google Classroom



START A SESSION

Teach online and manage your courses

Use the VEDAMO interactive Virtual Classroom and Learning Management System for successful online tutoring.
Created by tutors for tutors.

START FOR FREE

ความช่วยเหลือ

[Vedamo \(30-day free trial. Paid plans start at \\$25/month\)](#)



Adobe Connect

Go Beyond Web Conferencing

Adobe Connect empowers you to create exceptional digital training, webinar, and collaboration experiences.

Start your free trial

Adobe Connect (30-day free trial. Paid plans start at \$50/month)

Adobe Connect™

Join an upcoming webinar

Virtual Classrooms When Screen Sharing Isn't Enough...

Newrow Smart online virtual classrooms are purpose built for online instruction – helping remote instructors, facilitators, and teachers engage their students effectively online. Keep everyone focused and engaged in with high quality, real time audio and video, an easy-to-use interface, and a suite of collaborative tools that helps you transform distracted viewers into active learners.

[See what's next for you...](#)

Sign up now to try Newrow
for yourself!

Try for Free



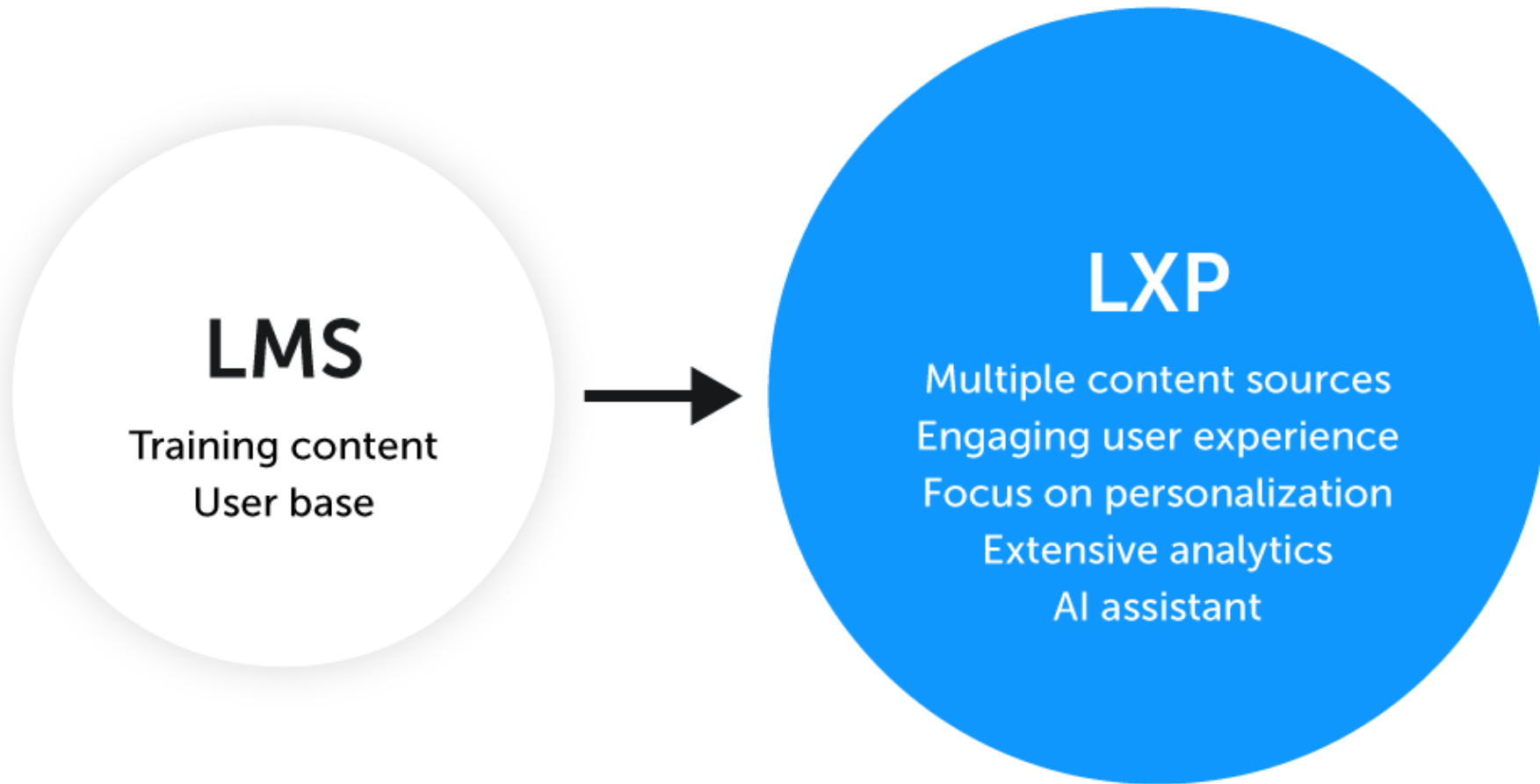
[Newrow Smart \(Freemium model. Paid plans start at \\$27/month\)](#)



Engage Your Online Students

BigBlueButton is a web conferencing system
designed for online learning.

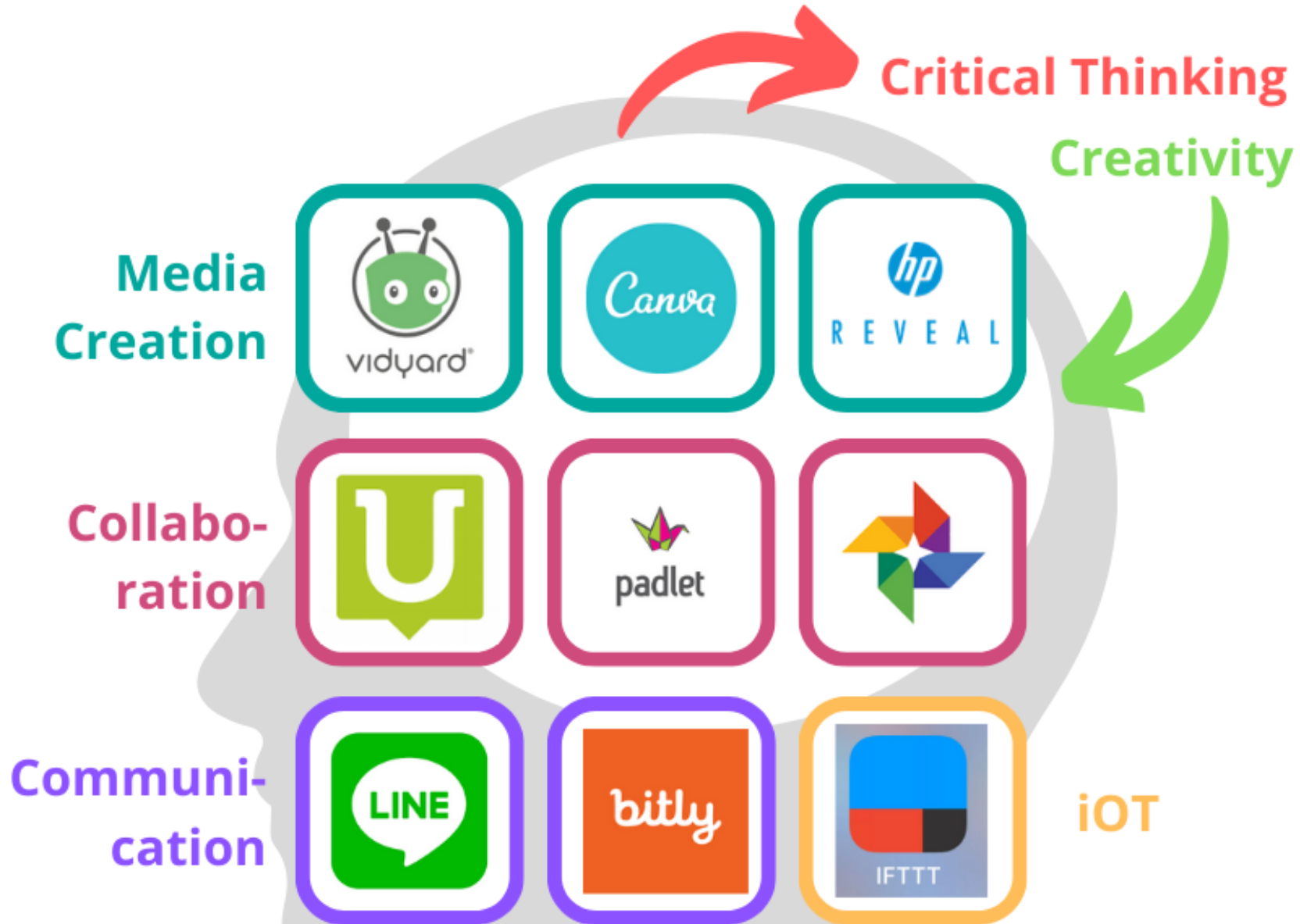
[BigBlueButton \(Pricing: Free, open source\)](#)



How LXPs Recommend Content

Skills Based	Usage Based	AI Content Based
LXP uses a skills model that is mapped to job roles, including skills assessment by self and peers	LXP recommends content based on who viewed most, who viewed last, who like you viewed content	LXP crawls and understands the content itself, creates pedagogical maps, recommends and assesses content and can create assessments.
Good for traditional enterprise training and education.	Good for B2C and vendors with large content libraries	The future: AI-based content discovery for any type of content including documentation and books
Degreed, Pathgather, EdCast LinkedIn, Percipio, Cornerstone	EdCast, 360Learning, Valamis, LinkedIn, Fuse, Curatr, Filtered, Degreed	Volley.com, Valamis, IBM, Curatr, Filtered
Business Rules: Compliance, Learning Paths, Pre-Requisites, Certificates, Badges, Assessment		
Data: History, Tracking, Analytics, Utilization, Assessment, Compliance		

idmTEL Tools Card



The background is a stylized world map divided into four quadrants: top-left is red, top-right is blue, bottom-left is yellow, and bottom-right is green. The text 'Kahoot!' is centered in white, bold, sans-serif font.

Kahoot!

Kahoot!

What are Kahoot! Pro and Premium for schools?



Player vs Player
1:1 Devices

Classic



Team vs Team
Shared Devices

Team mode

Mets les mots en ordre

48

Kahoot!

Skip

0
Answers



dans l'eau.



Le chien



sa patte



met

WHY IS MOBILE LEARNING SO EFFECTIVE?

MOBILE LEARNING Infographic



Convenience

All the required learning and compliance training at the tip of your workforce's fingertips.



Duration

Short and concise courses allow for broader participation and motivate users.



Focus

Effective mobile learnings highlight specific learning objectives. This type of focus allows for greater overall comprehension and delivery.



Microlearning

Brief focused learning modules can be created to further the knowledge obtained via additional mediums.



Distribution

Instantly and globally make available learnings that will immediately impact your program.



Content



Summary

7 Benefits of Mobile Learning Over Traditional eLearning

Performance Support
mLearning is ideal for performance support intervention as learners have easy access to information while at work. This leads to increased usage and retrieval.

Multi-Device Support
The same course is available on varied devices ranging from PCs and laptops to tablets and smartphones.

Better Completion Rates and Higher Retention
The bite-sized or microlearning approach makes it easier for learners to initiate, complete, and retain learning better.

1 Learning Path

Mobile devices can be used to update learners on their "learning path" thereby facilitating "learning as a continuum".

2 Higher Engagement

The training experience is more immersive and completion rates are higher as compared to traditional eLearning.

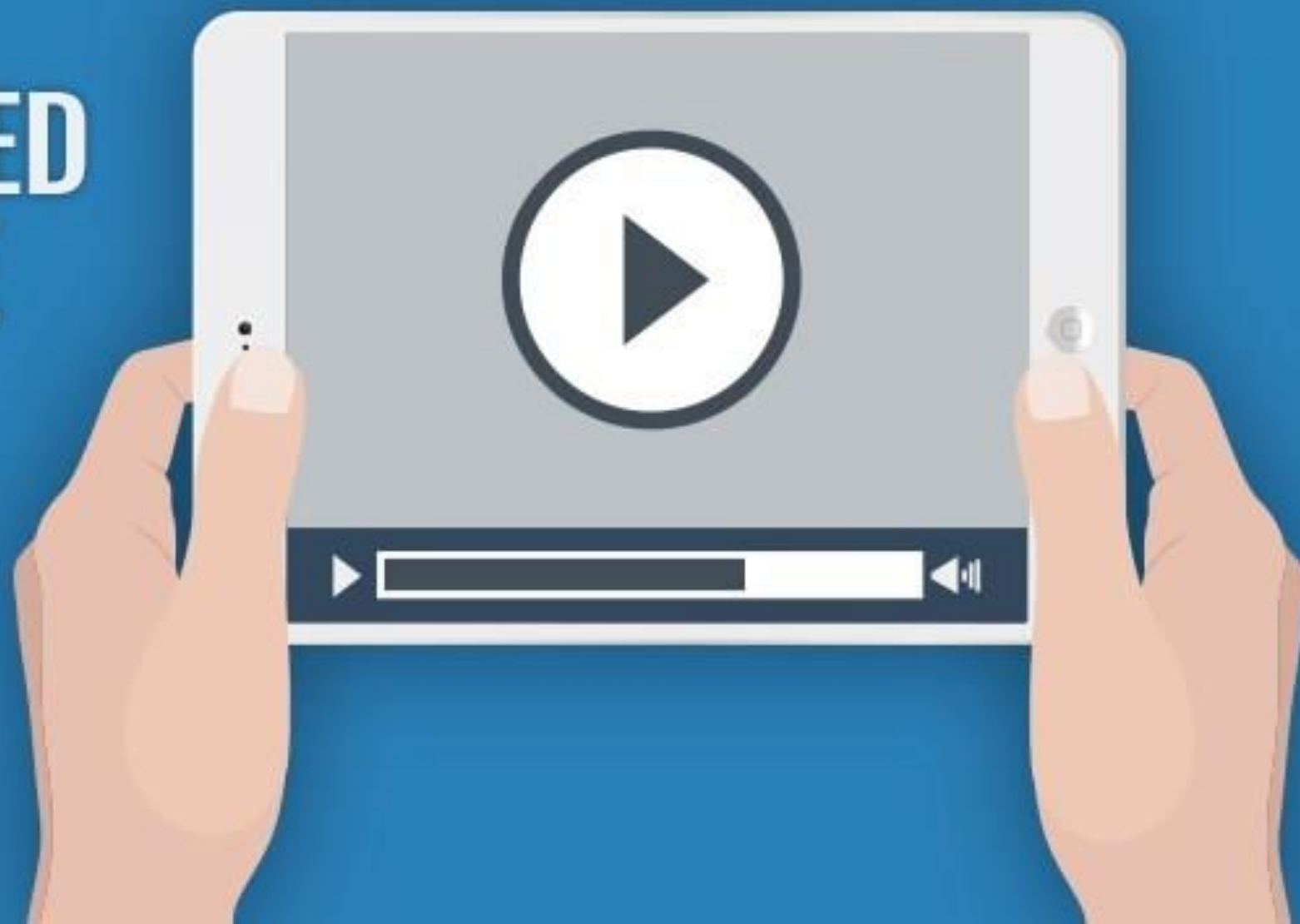
3 Collaborative Learning

It is a great way to engage with peers to share learning experiences and be part of communities of specific practices.

4 Flexibility to Learners

With mLearning, learners have the flexibility of learning "anytime, anywhere" on the device of their

IS VIDEO-BASED LEARNING THE FUTURE OF ELEARNING?





Big Data Analytics



ARTIFICIAL INTELLIGENCE



SHARING SPACE

TALENT CO-WORKING





TECHNOLOGY-RICH AREAS

Online research, media production



BEST SELLERS

LARGE PRINT

Google

amazon go





Leeum's Digital Guide

The Leeum, Samsung Museum of Art, uses NFC for its digital guides. It allows its digital guides to explain the works of art through voice and display to the visitors; but that isn't it. You may be familiar with the fact that many museums prohibit visitors from taking pictures of the works of art to minimize the potential damage to them.

So Leeum's digital guide eases this inconvenience by letting users download the image of the piece they like on their mobile device via NFC. All users have to do is just select the preferred picture on the digital guide and bring your mobile device close to it.





ONLINE EDUCATION DIGITAL TECHNOLOGY

Lorem ipsum dolor sit amet, consectetur
adipiscing elit, sed do eiusmod tempor
incididunt ut labore et dolore magna aliqua.
Ut enim ad minim veniam, quis nostrud
exercitation ullamco laboris nisi ut aliquip ex
ea commodo consequat

LEARN MORE



M

MASSIVE

There may be
100,000+
students in a
MOOC.

O

OPEN

Anyone,
anywhere
can register
for these
courses.

O

ONLINE

Coursework
is delivered
entirely over
the Internet.

C

COURSE

MOOCs are
very similar
to most online
college courses.

